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January start for Tisdale HudBay pact accepted	IA	J027
NudBay pact accepted Valentine Mountain drilling	IA	J029
starts	IA	J048
Noranda/Central Crude		
venture Belmoral farms, into Astoria	IA	J048 J048
Approval for Eldorado		
	IA	J048
Fish Hook Bay drilling St. Andrew buys Esso stake	IA	J068
Elder mine on drawing board	IA	J069
Elder mine on drawing board Eastmaque ups tailings rate Ontario: lung cancer payments	IA	J069
Ontario: lung cancer	IA	J071
	IA	J071
	IA	J071 J074
Canada's mineral performance Results from Fork Lake	H	M010
Inco plans 1988 vacation		
JV for Geordie Lake and Pinecone Point	H	M010
Pinecone Point	H	M010
Equity Silver: the challenges and the		
solutions	A MW	M016
Canadian tax response Funding for Micham/Mono	MM	J089
venture	IA	J092
Westley farms into Taseko Initial results on Bradley	IA	J092
Initial results on Bradley Lencourt at Birch Lake/	IA	J092
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Canada to benefit from U.S. trade pact	MW	J111
Gold output jumps Golden Rule's La Ronge	MA	J111
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Breakwater drills O'Brien		
veins Drilling at Beaufor	IA	J112 J112
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Drilling at Soisson Tangier encouragement for		
Coxheath	IA	J113 J113
Graham Island presses ahead LAC talks underway	IA	J115
LAC talks underway Spotlight on Newfoundland and Labrador		
and Labrador Good year for Canadian	IA	J115
nickel producers	MF	J124
Increased reserves at Mooseland	IA	
MOORETANG	1.8	3132

Central Crude results	IA	J132	Drilling on Gagne-Duchesne	TA	J449	COLOMBIA			FRANCE		
Harrison Lake encouragement Canada's uranium merger	IA MW	J132 J149	Dolphin increases Cape Ray claims		J449	COLOMBIA Colombian mine crippled	TA	J071	FRANCE		
	MW	J149	Three zones on Darius property	IA	J449	New mining legislation for	IA	J094	France granted undersea rights in Pacific		J025 J046
Mishibishu looks ahead	IA	J152 J152	Lord River exploration	IA	J449 J468	Colombian output soars	IA	J115 J175	'Giscard' party over French co-operation for India		J095
Extended zone at Exxeter	IA IA	J152 J152	Inco & Queenston Upper	IA	J468	La Loma talks underway Colombia - coal output	IA	J176	France's future gold	MW	J171 J176
Thierry equipment sale	IA IA	J153 J153 J165	Noramco/Battle Mt agreement	ĩA	J468 J468	doubled New mines legislation	H	M175 M175	French gold Cogema to acquire Limousin	MA	J259
Williams appeal continues	H H	M097 M097	Laramide commences	IA	J468	Payan alluvials for	IA	J261	gold prospect Salsigne/Marc Rich; tailings		J280
	H	M097 J170		IA	J468	Process problems at Cerro	IA	J304	retreatment The Channel Tunnel	IA	J281 M276
Inca moves into Red Lake	TA	J173	Valley Quebec smelter optimism	IA IA	J471 J471	Matoso Cerro Matoso resolves	IA	J349	OFBRANK (MEDT)		
Jolu mill contract Tangier go-ahead	IA	J176 J176		IA	J472	overheating	IA	J431	GERMANY (WEST)		
Date for Williams hearing Major programme for Chester	IA	J176	Rainbow Golden Pond East on schedule	IA	J493 J493	COSTA RICA			Coal contraction in F.R.G. Degussa takes control of	IA	J050
project Underground at Lara	IA IA	J201 J201	Pamour's tailings proposition	IA	J494		IA	J112	Nukem New shaft for Walsum	H	J050 M015
Hemlo jolt	MM	J217 J219	Approval for Phase 2 of Laterriere smelter	IA	J494	Nor-Quest's Costa Rican	H	M095 J240	New underground transport in F.R.G. Norddeutsche refinery to use	M	M148
Bulk test at Red Lake Pamorex/Highwood hopes	IA	J220 J220	Faro mine suicide tactics Strike at HBMS Ruttan mine	IA	J495 J495	update Costa Rican plans for Greenstone	IA IA	J260	Isa process Isa process for West Germany	IA	J281 J284
Mishibishu Lake agreement Sunrise Lake results	IA	J220 J220	Kitimat talks started Suarise estimate for Aber	IA	J495 J509	Ariel in Costa Rica	H	M259 M372	Preussag-Penarroya merger Mining museum - one in	MM	J321
Callinan funds for Hudbay Go with the flow	IA N	J221 J227	Magnacon drill bonus Cheni: October start for	IA	J511	Ariel expands Costa Rica	IA	J493	Yorkshire and World's	IA	J431
Pt intersection at Big Trout Lake	IA	J240	Tailings project for	IA	J511	Korean backing for C.R. sulphur	IA	J511	German pit explosion 'Miracle' at Borken	MW	J445 J471
OT Mining in Montana and Quebec	IA	J240	Eastmaque Curragh still producing	IA	J512 J513						
B.C. funds for Cassiar Energy saving at Macassa Au	IA P	J243 M167	Progress at Westfield	**	M455	CUBA			GHANA		
Valentine drilling at Leech	P	M171	CHILE			Cubans selling gold Che Guevara nickel	MW IA	J023 J203	Ghana: gold output up Ghana work for Titan	IA	J007 J112
River, B.C. Bradley option Electric-hydraulic track	H	M171	Funds recovery for Enami? Los Bronces dries out	IA IA	J050 J069	Plans for Cuban nickel	P	M253	Ghana's gold revival Best month at Tarkwa	H	J129 M095
drifting at the Dome	A	M176	Escondida investment Problems for Codelco?	MW	J089 J110	CZECHOSLOVAKIA			Bogosu re-arrangement Ghana plans expansion	IA	J220 J263
Canadian junior Muscocho discoveries	MW	J258 J260	Chilean expansion for Phelps Dodge	IA	J115	Czech equipment to			Ghana gold licensing Bogosu target set	MW	J411 J426
Maude Lake progress Work on Porcupine Destor	IA	J260	Chilean copper facts COPPER '87 conference in	IA	J134	Afghanistan Czech work on prospecting by	H	M094	More Ghanaian bauxite Gold in West Africa and the	н	M372
fault Watachewan elsewhere	IA	J260 J260	Chile Green light for Marte gold	PH	M088 M095	metallic emanations Behind the Iron Curtain	IA	J308 J349	Ivory Coast Mineral concessions in Ghana		M392 J466
Free trade reservations Polaris stake sold	N MW	J266 J277	New copper discovery for Phelps Dodge	н	M097				World Bank loan for Ghana	IA	J512
Gold skarns Snowbird strike extended	MW	J278 J280	High grades at Ivan Codelco reserves up	H	M097 J203	DENMARK			GREECE		
Graphite and gold update for		J280	Escondida's foreign investment contract	IA	J221	Pyrochlore in Greenland Greenland mining decision		J173	Firm plans for Thisvi	TA	J004
Gold find for Citadel Pandora: complex geology	IA	J280 J304	Chile's copper Escondida sequel	MW	J238 J241	disputed Greenland/Denmark minerals	MA	J238	refinery Greek play for Sandhurst	IA	J152 J323
Magino tune-up Goldstream ore for Noranda?	IA	J305 J305	Record refining for Enami Chile gold mine bid	IA	J243 J281	accord	14	J282	Greek investment projects Greece: investment projects	IA	J371
Comstock commissioning Queenston/LAC agreement	IA	J307 J324	Enami results La Coipa investment	MW	J303 J304	DOMINICAN REPUBLIC	C		GREENLAND		
Gamsan's Hepburn Lake showing	14	J327	Homestake wins El Hueso Choquelimpie commissioning Train strike in Chile	IA	J305 J327	Dominican talks	MM	J003	Pyrochlore in Greenland	IA	J173
Jolu target for Mahogany Tiblemont results for Maufor	IA		Homestake's El Hueso lease	IA	J329 J349	Dominican talks string out Dominican venture for Canyon	IA	J205	Greenland mining decision disputed	MW	J238
Maufort Beaverlodge encouragement	IA	J348 J348	La Coipa sale completed Chilean gold for LAC	HIA	M259 J369	/Battle Mountain Falconbridge/Dominican talks	IA		Greenland: rare earths target	IA	J280
Samatosum engineering Tartan Lake setback	IA	J349 J349	Chile's gold expansion Engineering for La Coipa in	N	J376	Continue Falcondo settlement nearer?	IA		Greenland/Denmark minerals accord	IA	J282
Graham Island gold deposit, B.C., Canada Cominco - InGenious	P	M249	Chile Codelco confirmation	IA	J388 J425	Caribbean nickel accord A Caribbean epithermal gold	MA		Progress in Greenland	H	M459
breakthrough	н	M260	More Cu for Chile Chile's copper exports down	H	M372 J495	deposit	MA	J507	GUINEA		
Pre-war mine to reopen Estrades results received	H	M260 J369	Chilean work for Phelps Dodge subsidiary	IA		DUBAI			Dinguiraye licence approved	TA	J093
Big Island Lake results for Westfield	IA	J369	Higher output for SOQUINICH Homestake leases Codelco	IA		Dubai aluminium	н	M011	Geophysical survey using a microlight aircraft	A	M194
Getty goes underground at Tundra	IA	J369	mine	H	M454				Siguiri purchase for Pancontinental	IA	J429
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Magnesium plants - Canadian opening Continental's Trophy search	MW		China's progress	MW	J002	EGYPT			Improvement in Guyanese gol- Rosier future for Guymine	d IA	J009
Annamaque-Farraday results Ansil copper anticipation	IA IA	J388	Binchang coal prospecting China in the long term	IA		Encouragement at Abu Marawa	t II	A J173	Commitment to Guyana Guyanese inventory	IA	
Skyline: Johnny Mountain mine	IA		China meets Fe target China's mining plans linked	IA	J051	Egyptian gold	н	M256	Guyana gold output up Guyana to seek Soviet help	H	M175 J350
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Moneta Porcupine agreement Gunsteel update	IA	J408	China metal shortage Antaibao output	8		Co. Mayo encouragement for		A J068	Guymine	H	M454
Wellgreen results for Galactic/Chevron			China: No.1 in rare earths Smelter improvement in China	1/	J134 J153	Andaman/Glencar Carlingford pause for Fleck Large underground blast at	I		HONDURAS		
venture Greenstone farms out Lada	IA		Gold mining in China's Shandong Peninsula	p	M091	Tara Mines Ltd. Feasibility start at Galmoy	A	M118 A J173	El Mochito revived	н	M011
Tundra expenditure Fork Lakes' underground	14	1 J408	China completes survey Giant coalfields at Binchan	H	M095 M095	Lead/zinc in Ireland Gold in Mayo	H	M257	BRGM in Honduras American Pacific update	1/	
programme Nickel Plate mine	1/		Concentrated quartz sand at Gongzian	н	M095				HUNGARY		
modifications Base metals discovery at	14		Chinese advance Chinese coal	M	A J205	ETHIOPIA				I	J051
Cobalt mine Esso expands Blakelock		A J409	Chinese take-away China: iron and gold	I			_		Hungarian plan fulfilled Hungary's 1988 coal plans Hungary: coal float	H	M172
Holdings Lone Star reassessment	1/	A J428	China aims to increase its coal exports	M		Gold plant for Ethiopia Gold at Lega-Dimbi	H	M094	Coal in Hungary Gallium increase	I	J351
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Granges/MacMillan up Mishi reserves St. Andrew financing	1/		Rare event Coal output in Shanxi	I					Hungary: coal and bauxite Rapid restoration after	1/	J494
Extension for Newfoundland zinc mine	1/		China's golden role Magnesia opportunities in	H	W J405 M371	FINLAND			lignite mining in Hungary	P	M449
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Canadian base metals exploration wanes	M		Chinese coal umbrella	1		Harjavalta back on stream Phosphate in Lapland	E		INDIA		
Meridor starts Iskut work Euralba report on Marathon	1		Chinese mines in pollution protest Chinese pit explosion	1		Rautaruukki extension Finnish float		IA J205 IW J257			
project Ithingo Lake venture for	1	A J449	Sino-Japanese contract Two new mines in China	H	M454	Finland: polymetallic novelty Harjavalta back on stream	1	IA J348 I M259	Approval for Indian coal	I	
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			caspor	4	-100	riod ore in aspisand	,		inuian aiumina exports	В	8010

Record coal for India Record for Singareni	IA	J094	KENYA			NORWAY			SAUDI ARABIA		
Collieries Indian coal pricing	IA IA	J094 J095	Silica sand in Kenya	н	M094	Strike threat in Norway	IA IA	J115 J134	Saudi fertilizer plant	IA	J371
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Gamharmardan resurrected?	IA	J134 J155	North Korean deposits	IA	J304			0000	South African rockburst Rustenburg theft	IA	J007 J029
Coal mine approved	H	J155 W095	KOREA (SOUTH)			PACIFIC ISLANDS			Sanctions impede reform? An investor's perspective	MA	J047 J047
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SAIL trimming New high for India's aluminium	IA	J351	Tin in Laos	IA	J263	Arson resurfaces in New	IA	J448	Self rescuers - a new safety	H	M010
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Indonesia's gold Indonesia's coal	MA	J022 J022		-		Newmont: P.N.G. and Nevada Full steam for Laloki venture	IA	J048 J093	Oryx reserves More gold for RSA	MW	J238 M174
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TURKET			Bagdad Chase timing Promising results from			Margarita	IA	J327 J327	Kazakhstan shortcomings Soviet coal matters	IA	J495 J512
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Setback for Turkish power			Record gold for Pegasus Double boost for Post	IA	J029	Approval for Adelaide Crown Pegasus output	IA	J349 J350	VENEZUELA		
Station Etibank seeks partners	IA	J134 J261	deposit	MW	3045	Lead citation against Asarco	IA	J351	Venezuela: gold sales		
Turkey: interest strengthens BHP mission to Turkey	IA IA	J348 J409	Ivanhoe reserve boost Newmont: P.N.G. and Nevada	MW	J046 J048	U.S. coal production forecasts	P	M249	continue	IA	J009
Turkish minerals industry	N	J414	New World programme			New Al can recycling plant in Kentucky	p	M253	Alcoa builds Venezuelan smelter	MW	J045
Ankara's ambitions Turkish copper plans	N	J415 J512	continues Funding for Red Dog Newmont hits the jackpot	IA	J048 J049	American Barrick gold - up	r		Loan for Venalum expansion	IA	J134 M095
Taracan copper prans			Newmont hits the jackpot A Waldorf gold show	MM	J065 J067	9.8 Moz McDermitt reopened	il.	M260	Retreatment at Mocupia Gorge Venezuela debt swap Smelter accord for Venezuela	MM	J169
UGANDA			Silver pour at Trinity	IA	J069	Mining exhibition, Chicago, U.S.A.	-		Smelter accord for Venezuela Venezuela's foreign link	IA	J175 J219
			First gold at Copperstone Idaho lease terminated	H	M010	U.S. mining costs	A	M297 J367	Venezuelan aluminium Venezuelan liquid coal	MW	J258 J258
Kilembe revival?	MW	J322	U.S. coal leasing	MW	J089	Rabbit Creek evaluation	IA	J369	Alamsa smelter award	IA	J327
U.K.			Workers' rewards: U.S. copper	MW	J090	Carlin acquisition for MicroMin	IA	J369	Venezuelan boost to coal Venezuelan iron ore	MW	J366
Riofinex in Ireland	IA		Kinsley Mountain report Surplus for Cannon mine	IA	J092 J094	Billiton agreement with Louisiana Mining	IA	J370	Venezuela: more aluminium	-	
British Coal mine sale? Selby: longest conveyor	MW	J021 J049	U.S. coal accord Merger decision postponed	IA	J095 J101	Higher U.S. output for Hydro		J371	capacity	IA	J494
The noes have it	39	J075	U.S. uranium non-viable	_		London gold mine resurrected Canada Tungsten resumption	IA	J373	YUGOSLAVIA		
Large silica sand deposit in the U.K. attracts			again Canada to benefit from U.S.	MA	J110	Canada Tungsten resumption U.S. sanctions?	IA	J373 J385			
interest Point of Ayr drift opened	P	M009 M015	trade pact	MW	J111 J112	Artech/Hecla agreement	IA	J388	Yugoslavian record Yugoslavian rise	IA	J051 J203
Geevor reopens	н	MO15	Beaver update McDermitt back to work	TA	3113	Marigold heap leaching Jerritt Canyon expansion	IA	J389 J389	Lead-zinc prospecting in Yugoslavia	TA	J240
Cleveland Potash satisfaction	IA	J094	Crescent Valley gold Venture Cowboy prospect for Valentine	IA	J132	Increase in Nome reserves Cliff Resources' objectives	IA	J389 J389	Trepca's Pb/Zn output	IA	J350
British Coal strike Welsh gold remembered	IA	J095 J131	Valentine Getchell funding	IA	J132 J132	Leaching adds to Robinson			New Al plant for Yugoslavia	H	M369
EEC grant for Welsh study	IA	J134	Safety violations	IA	J150	U.S. antimony oxide rise	IA	J390 J390	ZAIRE		
Geothermal energy British Coal dilemma	NW	J150 J159	Jardine decision	IA	J153 J153	Disagreement over U.S. tin	MW	J425	Kilo Moto contract	IA	J348
History of Mining Law	PH	M091 M094	CoCa doubling up Acquisition of Mt Gaines	P	M089	Diamonds in Arkansas	MW	J427	Golden opportunity	H	M457
Gold in Northern Ireland New flexible drilling module			gold mine Silver State expands	H	M097	LAC works at Ortiz Partners for Echo Bay	IA	J428 J429			
from U.K. Traders baulk at U.K.	M	M145	Boone-Pickens bids for Homestake	MW	J169	Yellow Pine anticipation for Hecla	IA	J429	ZAMBIA		
regulation Scottish coal crisis	S	J184	In-situ mining	MW	J171	Black Hills permit for Coin		J429	Cable Belt conveyors in		
Funds for Cornish hot rocks	10	J203	Interim reserves for Argus project Green Hill funding	IA	J173	Eastmaque proceeds with			Africa Zambia's budget puzzle	A	M036 J171
RTZ's Cornish retreat Scottish truce	MV		Green Hill funding U.S. Mint tender	IA	J175 J185	American Girl mine Krupp crusher for Round	IA	J429	Higher output at ZCCM Kansanshi reopening	IA	J329 J329
Northern Ireland's			Microbes to mine sulphur Reserve estimate for Quartz	MW		Mountain	IA	J431	Luwingu supplies	IA	J329
Ballymoney lignite project	P	M166	Mountain project	IA	J201	Comex mulls after hours trading	8	J439	No problems at Mufulira	IA	J471
Innovative infill project begins	и	M172	Acid in Elko Du Pont also responds	IA	J203	Ridgeway go-ahead Magnetite mine at Tilden	H	M369 M369	ZIMBABWE		
Belt up	н	M173	Atlas expands gold reserves	IA	J203	Cyprus lease Twin Buttes	H	M369			
Output records at Boulby Potash	н	M173	Atlas expands gold reserves Cannon trend discovery Kettle-Key combination	MW	J218 J220	Hollister growth Plexus farms into Western	IA	J448	Zimbabwe output rising	TA	J029 J048
Developments at Waltby colliery, U.K.	A	M186	Funds for Blue Moon/ Schell Ranch	TA	J220	World BHP-Utah farms into Nome	IA	J448	Elvington progress New roads for Zimbabwe 30G in Zimbabwe	IA	J069 M010
Johnson Matthey streamlining	E I	A J261	Ridgeway cleared	IA	J221	alluvials	IA	J448	Cable Belt conveyors in	н	
Steel surcharge Scottish trumps for Ennex	M	A J280	Santa Fe start for Lacana New mine for Tilden partner	IA S IA		Gold mill for Royal/Mountain King		J450	Africa New plant for Zimbabwe	A	M036 M173
U.K. coal productivity U.K. coal reserves	I		U.S. placers for Merlin	IA	J240	Robertson: first step for			Zimbabwe's outlook	14	J289
Air cooling equipment for			Gexa drilling Beatty area OT Mining in Montana and			Coral Gold Contract for Mineral Hill		J450	Cluff switch to minerals Study for Zimbabwe Pt	IA	
British Coal mines British steel and aluminium	M		Quebec Sedalia mine for Sphinx	IA	J240 J241	mine Long term planning at	1/	J451	Study for Zimbabwe Pt IFC involvement in Zimbabwe Granny Smith and Hartley	IA	
NERC extractive industry	-		Billiton farms into Big Hor	n		Jamestown	1/		updates	IA	J469
partnerships scheme RTZ is moving out of oil	M		/Gold Hill Preparation at Cruse/Belmon	t IA	J241 J241	U.S.: surface mining fines Sheep Creek intercept	1/	J451 J468	Zimbabwe seeks platinum investment	IA	J493
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# **Methods and Machines**

ALLUVIAL MINING

| Flotation dredge for recovering minerals | Major new projects and responsion programmes - | Major new projects and r

ANALYSIS			'Drillock' recoverable drill rod system	м	M431	Mining exhibition, Chicago, U.S.A.		N297	Strike at HBMS Ruttan mine	IA IA	J495 J495
	M J	285	Diamond core drills for Swedish contractor		J475	Tunnelling '88 Bicentennial Gold	A	M313	Alcoa, Reynolds: early talk Kitimat talks started	IA	J495 J495
Accessory for particle sizing of small samples	m J	475	New Swedish aid for drill	-	J515	MinEx at the Crossroads	IA	J407 J431	R.S.A.: dispute settled Anglo's share offer	IA	J495
On-line analysis of bulk coal		1517	hole orientation		3312	GAC-MAC 1989 Asia/Pacific Mining	IA	J431	Talks fail Namibian strike	IA	J505 J513
			<b>EDUCATION &amp; TRAININ</b>	NG		Conference - a report History of mining law - a	P	M365	Curragh still producing	IA	J513
BLASTING & EXPLOSIV	/ES		Gold sampling	IA	J051	Dredge Mining Congress	IA	J447 J472	LEACHING		
Breaking new ground Blasting agents		1083	Atlas Copco: research award History of Mining Law	IA P	J071 M091	Precious metals workshop Uranium symposium	IA	J472 J472	New hydrometallurgical		
Large underground blast at Tara Wises Ltd.		1118	Communicating technical information in mining	w	J285	Clean coal Gold in Europe	IA	J472 J472	progress for Au recovery from cyanide		
New bulk emulsion explosives Evaluating fines production		375	Significant figures Derbyshire's Barmote Court	E	N361	ZDA jubilee conference World Gold Conference	IA	J513 J516	solution New gold leaching processes	M	M060
in mine/quarry blasts The molecular structures of	M J	412	celebrates 700 years of written mining law	D	M366	XVI IMPC exhibition, Stockholm	A	M483	Liner design for heap-leach		M38
explosives	P N	1451	History of mining law - a review		J447	o cooling in		2100	HDPE geomembranes for heap-		M.JO2
COAL TECHNOLOGY			Camborne bursary	IA	J451	EXPLORATION			leach pads and tailings ponds	A	M388
			<b>ENERGY &amp; POWER</b>			China's progress	MW	J002	New gold leaching processes Reagent usage in mineral	м	M429
On-line rapid analysis of bulk coal	M J	265		PPI	LIES	Geoelectric exploration for lead-zinc sulphides in			processing	A	M472
Surface miner poosts coal recovery in W.A.		391	Pakistan's private power		J046	Nigeria Pie in the sky?	A	M038 J139	MAINTENANCE &		
Modular coal cleaning plant	M J	496	Portable air-operated light generators	w	M062	Eastern Canadian exploration Geophysical equipment for	MW	J170	LUBRIC	:AT	ION
COMMINUTION &			Korean nuclear growth Geothermal energy	MA	J091 J150	Albanian exploration New improved filter set for	M	J178	Conveyor belt edge trimmer for damaged belts	**	J096
SCRE	ENI	NG	Energy in Europe	N	J158	in-demand seismograph U.K. company in Indonesian	M	J178	Manipulators for off-highway	M	
Jaw crusher goes underground			Funds for Cornish hot rocks Geothermal energy: fuel for	N	J203 J497	coal exploration Geophysical survey using a	M	J244	Belt edge trimmer for	_	J223
at Mount Isa mine Linear screen for Vaal Reefs	M J	1052 1062	the future	14	3497	microlight aircraft Tanks for fuel/water storage	A	M194	damaged conveyors	M	M233
Steel-capped linings for		1066	<b>ENVIRONMENTAL CO</b>	NTF	ROL	in remote areas	M	J308	MATERIALS HANDLIN	NG	
New double-toggle jaw crusher		157	Charters Towers dilemma	IA	J071	New Australian instrument facilitates gold		107.	Selby: longest conveyor	IA	J049
Breaking new ground Non-blinding screens from	E M	1083	Ontario: lung cancer payments	IA	J071	exploration Portable instrument for base	M	J374	Cable belt conveyors in	A	M036
Austria Gears for gold grinding	_	1143	Wining hazard REC exhaust standards	IA	J071 M015	metal exploration Small precious metal mining	M	J433	Conveyor belt edge trimmer for damaged belts	M	J096
mills Grinding rods for mining use	M M	1146	Forbidden fruits Toxic fine for Norsk Hydro	N IA	J183 J222	projects	A	M406	Car shakeouts for U.S.S.R. Belt edge trimmer for	M	J224
Largest test sieve manufacturer celebrates			The "humanization" of work in mines	A	M190	FILTRATION			damaged conveyors	M	M233
50 years	M J	1264	Starch product combats soil		M227	Laboratory filter for sample			Conveyor belt joint identification and park		
Huge lumps no problem for the 'rock cracker'	M J	1352	erosion Seedblaster for reclamation			tenting	M	M066	system Conveyor for Cornish tin		J332
Innovative rock breaker from New Zealand	W 3	1432	work Golden environment	MA	M230 J278	<b>GEOLOGY &amp; ORE RES</b>	ERV	/ES	mine Conveyors for new Greek	M	J375
Jaw crusher for Mount Isa mine		1430	Solution for Hudbay's emissions?	IA		Pie in the sky?	N	J139	underground coal mine	M	J432
New double-toggle jaw crusher		1431	Lead citation against Asarco Hidden risks in mining	MM	J351 J366	DIRECT - automated mapping + spatial information	**	0.100	METALLURGY		
Skega's Poly-Met lifter bars		1516	Chinese mines in pollution protest	IA	J494	management The use of block and	A	M205	The advanced materials		
COMPUTERS &						wireframe modelling for underground mining		M209	phenomenon The correct chemistry	N	J246
INSTRUMENT	TATIO	ON	EQUIPMENT SUPPLIE	HS		New shallow reflection seiamic system		J332	Reagent usage in mineral processing	A	M472
Computer file Computer software package	M M	1069	Trackless mining at JCI The Channel Tunnel	A	M265 M276	Geothermal energy: fuel for	-				_
monitors tyre performance		1156	Mining exhibition, Chicago,	A	M297	the future The correct chemistry	E	J497 M447	MINE COMMUNICATION	ON:	S
Computer file DIRECT - automated mapping		1134	Tunnelling '88 XVI IMPC exhibition.	Ā	M313	LABOUR			Radio systems for underground mines	A	W123
* spatial information management	A N	1205	Stockholm	A	M483				New medium frequency radio transceiver system	M	J433
The use of block and wireframe modelling for		1405	EXCAVATORS & LOAD	ER	S	Conflict in Brazil Fighting at Randfontein	IA	J001 J069		_	
underground mining	A M	1209	The 295-BII, latest electric			The noes have it Workers' rewards: U.S.	N	J075	MINE HOISTING		
Computer file Computer file		1215 1343	face shovel from B-E Four powerful wheel loaders	M	J010 M064	S.A. freeze?	MW	J090 J091	Hoist drum rebuild for Canadian mine		J284
		4433					MW		Man-riding hoist		J374
Computer file	M N		Brazilian-made large	M	W148	Peru: problems resolved British coal strike	IA	J095 J095		M	
Computer file Wagnetic permeability meter developed in Australia	M N	J452	Brazilian-made large hydraulic excavator Small new LHD for narrow	M	₩148	British coal strike U.S. coal accord	IA IA	J095 J095	World's most modern four- rope mine winder	M	
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles	M .	J452 J496	Brazilian-made large hydraulic excavator Small new LHD for narrow vein mining Electric-hydraulic track	M	W148 J223	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway	IA IA IA IA	J095 J095 J115 J115	rope mine winder	M	
Computer file Magnetic permeability meter developed in Australia Mositoring system for off-	M A A		Brazilian-made large hydraulic excavator Small new LMD for narrow vein mining Electric-hydraulic track drifting at the Dome mine	A		British coal strike U.S. coal accord Strike threat in Norway LAC talks underway sustralian disruption Norwegian strike averted	IA IA IA IA IA	J095 J095 J115 J115 J115 J134	MINE LIGHTING	M	
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles Modern mine surveying and	M A A	7496 M494	Brazilian-made large hydraulic excavator Small new LHD for narrow vein miaing Electric-hydraulic track drifting at the Dome mine The 295-BII, latest electric shovel from Bucyrus-	A	J223 N176	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway australian disruption Horwegian strike averted LAC strike resolved Tribe and tribulation at Ok	IA IA IA IA IA	J095 J095 J115 J115 J115 J134 J153	rope mine winder	M	J452
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles Modern mine surveying and modern mine surveying and	M A A	7496 M494	Brazilian-made large bydraulic excavator Small new LMD for narrow vein mining Electric-hydraulic track drifting at the Dome mine The Mill, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDs	A	J223	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway sustralian disruption Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Tedi Inco share-out	IA IA IA IA IA IA IA IA IA	J095 J095 J115 J115 J115 J134 J153 J177 J177	mine Lighting  Portable air-operated light generators	м	J452
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway webicles Modern mine surveying and mapping Computer file  DRILLING Multimaster success in	M A A A A A A A A A A A A A A A A A A A	J496 H494 H500	Brazilian-made large bydraulic excavator Small new LHD for narrow vein mining Electric-hydraulic track drifting at the Dome mine The 205-Bil, latest electric shovel from Bucyrus- te use of rubber tyred LHDe in Fontane talc mine, Italy	A M	J223 M176 M227 M460	British coal strike U.S. coal accord Strike threat in Norway Like threat in Norway Like threat in Norway Like threat in Norway Like threat	IA	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J177 J205	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING	м	J452
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles Modern mine surveying and mapping Computer file  DRILLING  Multimaster success in Canada Tractor-operated drill for	M A S A S	J496 H494 H500	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Election in the control drifting at the Dome mine The 295-BHI, latest electric shovel from Bucyrus- Brie The frubber tyred LHD in Fontane tale mine.	A	J223 M176 M227	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway ion Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Trodi Inco share-out Alcan negotiations Alcan negotiations San Luis Potoei strike Alcan pact	IA	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J177 J205 J205 J222	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme	м	J452
Computer file Magnetic permeability meter developed in Australia Monitoring system for Off- highway vehicles Modern mine surveying and mapping Computer file  DRILUNG  Multimaster success in Canada Tractor-operated drill for Longvent Of series undate	M M A S A S A S A S A S A S A S A S A S	J496 H494 H500	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining liceton interest of track drifting at the Dome mine The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDe Italy Whatley quarry, England	M	J223 M176 W227 W460 W466	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway ion Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Trodi Inco share-out Alcan agreement Alcan agreement Alcan for tool Lac trike Alcan for tool Lac trike Lac tool Lac trike Lac trik	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J205 J205 J205 J222 J243 J243	rope mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme High Pake clarifier Research	M G	J452 M062 J033 J072 M003
Computer file Magnetic permeability meter developed in Australia Moistoring system for off- Modern mine surveying and mapping Computer file  DRILLING  Multimaster success in Canada Tractor-operated drill for exploration Loggear 'Q' series update World's manilest hydraulic	M	J496 H494 H500 J031 J052	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Election in the control of track drifting at the Dome nine The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDs Is Pontane talc mine, Italy Whatley quarry, England  EXHIBITIONS & MEET	A	J223 M176 M227 M460 M466	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway australian disruption Norwegian strike averted Live to the strike and tribulation at Ok Tibe and tribul	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J177 J205 J205 J205 J222 J243	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme sigh rate clarifier Relative values Relative values Relative rala Reefe Relative rala Reservator installation	M G M M E	J452 M062 J033 J072 M003 M062
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway webicles Monitoring the permeability Monitoring Computer file  DRILUNG  Multimanter success in Canada Tractor-operated drill for exploration Longyear 'Q' series update World's manilest hydraulic drill rig Decompters improve output Canada Tractor-operated drill for exploration Longyear 'Q' series update World's manilest hydraulic drill rig Decompters improve output	M	J496 H494 H500 J031 J052 J072	Brazilian-made large hydraulic excavator Small new LMD for narrow vein mining Electronic mining Electronic mining Electronic mining The 295-BII, latest electric shovel from Bucyrus- Eric The use of rubber tyred LHDe Armontame talc mine, Italy Whatley quarry, England EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic	A	J223 M176 W227 W460 W466 SS J003	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway australian disruption with the strict of the str	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J205 J205 J222 J243 J243 M163	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme iigh rate clarifier Relative values Linear acreen for Yaal Reefs Renative values and Maintaining warm temperatures of process	M G M E M M	J452 M062 J033 J072 M003 M062 J096
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway wehicles Monitoring system for off- highway wehicles Generally system for off- highway wehicles Monitoring Computer file  DRILING  Hultimaster success in Canada Tracanada frill for exploration Longyear 'Q' series update World's manilest hydraulic drill rig drill rig heumatic longhuprow output Hausherr takes over Demag drilling equipment	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 J031 J052 J072 M065 J116 J116	Brazilian-made large hydraulic excavator Small new LMD for narrow vein mining Electric-hydraulic track mining at the Dome mine The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDe in Fontane talc mine, Italy Whatley quarry, England  EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic metals MINEXPO '88	A A A ING	J223 M176 W227 W460 W466 S J003 J012 J051	British coal strike U.S. coal accord Strike threat in Norway Live threat in Norway australism disruption Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Tac	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J177 J205 J205 J223 J243 J243 J243 M163 M190 J261 J261	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme igh rate clarifier Relative values Linear screen for Vaal Reefs Roll separator installation Maintenance and the control of process waters outdoors portable carbon adsorption	M G M E M M	J452 M062 J033 J072 M003 M062 J096
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway wehicles Modern spin surveying and modern spin surveying and modern spin surveying and modern spin surveying and Computer file  DRILUNG  Multimaster success in Canada Tractor-operated drill for Tractor-operated drill for World's meallest hydraulic drill rig pneumatic longhole drill carriers improve output launher takes over Demag New generation raise climber New flexible drilling module New generation raise climber New flexible drilling module	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 J031 J052 J072 M065 J116 M142	Brazilian-made large hydraulic excavator Small new LMD for narrow vein mining Electric-hydraulic track driffing at the Dome The 295-BII, latest electric nhovel from Bucyrus- Erie The use of rubber tyred LHDs in Fontane talc mine, italy Whatley quarry, England  EXHIBITIONS & MEETI Industrial minerals meeting Spotlight on electronic ments Underground operators Underground operators Underground operators	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051	British coal strike U.S. coal accord Strike threat in Noway Live threat in Noway Live threat in Noway australism disruption Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Lac strike averted LAC strike resolved Tribe and tribulation at Ok Lac segment Alcan agreement Alcan pagreement San Luis Potosi strike Alcan pagreement San Luis Potosi strike Alcan pagreement San Luis Potosi strike Alcan pagreement Worthwhile The "humanization" of work in mines Spanish sackings Spanish sackings Spanish sackings Feturn Pilbars port strike Kaiser/Upion extend talks	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J205 J205 J222 J223 J243 J243 J243 J243 J243 J243	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme sigh rate clarifier Relative values Linear screen for vaal Reefs Roll separator installation Maintaining warm temperatures of process waters outdoors Portable carbon adsorption portable carbon adsorption solutions gold	M G M E M M M	J452 W062 J033 J073 W063 J096 J116
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway wehicles Modern mine surveying and computer file  DRILLING  Multimaster success in Canada Tractor-operated drill for exploration Longuer 'Q' series update for the surveying and carrier improve output drill rig preumatic longhole drill carriers improve output Haushert takes over Demag drilling equipment for grant of the success of the from U.K. Versatile multi-purpose	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 J031 J052 J072 M065 J116 J116	Brazilian-made large hydraulic excavator Small new LMD for narrow vein mining Electric-hydraulic track drifting at the Dome The 295-BII, latest electric nhovel from Bucyrus- Erie The use of rubber tyred LHDs in Fontane talc mine, Italy Whatley quarry, England  EXHIBITIONS & MEETI Industrial minerals meeting Spotlight on electronic Minerals Underson Und	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J051 J051 J051	British coal strike U.S. coal accord Strike threat in Norway Live threat in Live threat Live t	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J205 J205 J225 J243 J243 M163 M193 M193 J261 J261 J305 J305 J329	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme  High mining scale control programme  Linear screen for vaal Reefe Roll separator installation maintaining warm  temperatures of process waters outdoors  Portable carbon adsorption plants for gold  New gold leaching processes a submerged smelting processes  A submerged smelting processes	M M M M M M M M M M M M M M M M M M M	J452 J033 J072 M062 M062 J096 J116
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway wehicles Monitoring system for off- highway wehicles developed in Australia Monitoring system for off- highway wehicles Monitoring system for off- highway wehicles Monitoring system DRILUNG  Multimaster success in Canada Tractor-operated drill for exploration Longyear 'Q' series update World's manilest hydrausic drill rig drill rig drill rig drilling equipment New generation raise climber New flexible drilling module Wernstein propose drill rig Wernstein propose drill rig Wernstein propose drilling requipment Wernstein drilling module Wernstein propose drilling requipment Wernstein drilling module Wernstein propose drilling requipment	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 J031 J052 J072 M065 J116 M142	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Election mining Election in the mining The 295-BII, latest electric shovel from Bucyrus- The use of rubber tyred LIDs Industrial mine, Italy Whatley quarry, England EXHIBITIONS & MEETI Industrial minerals meeting Spotlight on electronic MINEXPO '88 Underground operators Pneumoconioses conference Uranium symposium Geouciences in development Modern coal mines in the	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 M58 J003 J012 J051 J051 J051 J051 J051 J071	British coal strike U.S. coal accord Strike threat in Norway Like resolved Tribe and tribulation at Ok Like threat Like resolved Inco abare-out Alcan agreement San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan part Norway Kambalda nickel problems Washalda nickel problems The "humanization" of work in mines Spanish sackings Kambalda strikers return Pilbara port strike Kaiser/Union extend talks Filbara strike ended Train strike in Chile Kaiser strike ended Train strike in Chile Kaiser settles with union	IA I	J095 J095 J115 J115 J115 J134 J153 J177 J177 J177 J205 J205 J205 J222 J243 J243 J243 J243 J243 J243 J243	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  MINERAL PROCESSING  New mining scale control airoprogramme dight programme Linear screen for wal Reefs Relative values Linear screen for val Reefs Relative values Linear screen for value Linear screen Linear screen Portable carbon adsorption plants for gold solutions New gold leaching processes A suborged mealing process A suborged mealing process Concentrates	M M M M M M M M M M M M M M M M M M M	J452 M062 J033 J072 M003 M062 J096 J116
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway webicles Monitoring the permeability Monitoring the monitoring Computer file  DRILLING  Multimaster success in Canada Taccession and the monitoring Computer file  DRILLING  Multimaster success in Canada Taccession and the monitoring Computer file  Monitoring Computer file Longolear 'Q' series update World's smallest hydraulic drill rig peumatic longhole drill carriers improve output  arilling equipment drilling equipment flow generation raise climber from U.K. Versatile module Versatile miti-purpose drill rig Buggy-rill can reach remote areas	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 JJ031 JJ052 JJ072 JJ116 M142 M145	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining licet mining licet in track drifting at the Dome nine The 295-BII, latest electric shovel from Bucyrus- Erie The unforther tyred Lilbe in Contain tale mine, italy Whatley quarry, England  EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic metals Underground operators Pneumoconioses conference Uranium symposium Coal Expo/China 88 Geoaciences in development Modern coal mines in the Mining Indonesia 88	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J051 J071 J071	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway ion Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Tribe and tribe and tribe Alcan pact Worker compromise for Anglo Inco re-staffs Sudbury Kambalda nickel problems Worthwhile The "humanization" of work Spanish mackings Kambalda strikers return Pilbara port strike Kaiser/Union extend talks schedule Pilbara strike in chis Train strike in chis Train strike in chis Australian coal minora Australian coal minora	IA I	J095 J095 J115 J115 J115 J117 J177 J177 J177 J205 J222 J243 J243 J243 J243 J243 J243 J243	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme  High reclarifier  Relative values  Relative values  Relative values  Relative values  Relative values  Relative values  Foll separator installation  Maintaining warm  temperatures of process  waters outdoors  Portable carbon adsorption  Bould carbon adsorption  Relative authority  Relative carbon adsorption  Solutions  New gold leaching processe  A submerged smelting process  for complex zine  concentrates  Concentrates  Concentrates  Concentrates	M M E M M M M M M M M M M M M M M M M M	J4522 M062 J033 J077 M003 M062 J116 M120
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway wehicles Modern since surveying and Computer file  DRILUNG  Nultimaster success in Canada Tractor-operated drill for Canada results of the surveying and Longyear 'Q' series update World's masslest hydraulic drill rig Pneumatic longhole drill carriers improve output Haunherr takes over Demag New generation raise climber New flexible drilling module from U.K. Versatile multi-purpose drill rig nuggy-mounted data arus New generation raise climber drill rig nuggy-mounted drill car New flexible drilling module from U.K. Versatile multi-purpose drill rig nuggy-mounted data arus New sir crawler drill for quarrying	M M A A B A B A B A B A B A B A B A B A	J496 H484 H590 J931 J952 J972 H085 J116 J116 M142 J178 J178 J181 J206	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Electric mining Electric mining Electric mining The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDe Industrial minerals meeting Lialy Whatley quarry, England EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electroic meetals Histopy old operators Pundumucconioses conference Uranium symposium Coal Expo/China 88 Geoaciences in development Modern coal mines in the Ext. cesta 88 China's mining plans linked to Mining China's 88	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J051 J071 J071 J071 M009	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway LAC talks underway ion Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Tribe and tribe and tribe Alcan pact Worker compromise for Anglo Inco re-staffs Sudbury Kambalda sickel problems Worthwhile The "humanization" of work In the Strike port strike Kaiser/Union extend talks schedule Piloars strike ended Train strike in Chile Kaiser settles with union Australian coal minora Diaruptions in Peru Sabotage continues	IA I	J095 J195 J115 J115 J115 J115 J117 J177 J177 J205 J225 J243 J243 J243 M163 M193 J261 J261 J261 J261 J261 J305 J329 J371 J373 J373 J373	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme igh rate clarifier Relative values Linear acreen for Yaal Reefs Linear acreen for Yaal Reefs Maintaining warm temperatures of process waters outdoors  Portable carbon adsorption plants for gold leathing processes A submerged smelting processes A submerged smelting process for complex zinc concentrates  Century Oils' modern new processing plant, U.K.  New shilling scale control	M M E S M M M M M M M M M M M M M M M M	J4522 M062 J033 J072 M003 M003 J096 J116 M120 M140
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles Modern mine surveying and Computer file  DRILLING  Multimaster success in Canada Tractor-operated drill for exploration Longous es update world's manilest hydraulic drill rig pneumatic longhole drill carriers improve output from U.K. Versatile multi-purpose drill rig Buggy-mounted drill can reach remote areas Res air crawler drill for reach remote areas Res air crawler drill for Nersatile multi-purpose drill rig Buggy-mounted drill can reach remote areas Res air crawler drill for Borehole verticality surveys	M M A A B A B A B A B A B A B A B A B A	J496 H494 H500 J031 J052 J072 H065 J116 J116 M142 M142 J178 J178	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Election mining Election in the mining The 205-BIL latest electric shovel from Bucyrus- the use of rubber tyred Libe in fortane tale mine, Italy Whatley quarry, England EXHIBITIONS & MEETI Industrial minerals meeting Spottlight on electronic MINExpo '88 Underground operators Pneumoconioses conference Uranium symposium Geonciences in development Modern coal mines in the E.E.C. Mining Indonesia 68 China's mining plans linked Not, Deep Mines	M A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J071 J071 J071 M009 J115	British coal strike U.S. coal accord Strike threat in Norway L.S. coal accord Strike threat in Norway L.S. coal accord Strike threat in Norway L.S. coal accord Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Inco share-out Alcan agreement San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan agreement Northwhile Northwhile Northwhile The "humanization" of work in mines Spanish sackings Kambalda strikers return Pilbara port strike Kale Kale Kale Kale Kale Kale Kale Kal	IA I	J095 J115 J115 J115 J115 J117 J134 J153 J177 J177 J177 J177 J177 J1205 J205 J205 J243 J243 J243 J243 J243 J243 J243 J243	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  MINERAL PROCESSING  Mining scale control air programme dight programme dight programme light programme dight programme dight programme dight programme linear screen for waal Reefs Relative values Linear screen for waal Reefs Relative values Linear screen for vaal Reefs Relative values Linear screen for vaal Reefs Relative values Linear screen for vaal Reefs Relative values Linear screen processes processes Century Oils' modern new processing plant, U.K. New mining scale control Stainless feeders for liquid Stainless feeders for liquid Stainless feeders for liquid	M M E S M M M M M M M M M M M M M M M M	J033 J073 M003 M003 J079 M003 J116 M126 M126 M146
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- developed in Australia Monitoring system for off- Modern mine surveying and mapping Computer file  DRILUNG  Nuttimester success in Canada Tractor-operated drill for expanding system for a constant Longyalor 'Q' series update World's manilest hydraulic World's manilest hydraulic Pneumatic longhole drill carriers improve output Hausherr takes over Demag der filing equipmenther Hew flexible drilling module from U.K. Versatile multi-purpose drill rig Buggy-mounted drill can Buggy-mounted frill for quarrying Borebole verticality surveys Electric-hydraulic track drifting at the Dome	M M A A A A A A A A A A A A A A A A A A	J496 H484 H590 J931 J952 J972 H085 J116 J116 M142 J178 J178 J181 J206	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Election in the control of track drifting at the Dome nine The 295-BII, latest electric shovel from Bucyrus- Erie The information of the control in for the control in taly Whatley quarry, England  EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic metals Underground operators Pneumoconioses conference Uranium symposium Coal Expo/China 88 Underground Coal Expo/China 88 China in the E.E.C. Mining Indonesia 88 China in mining plans linked Not, Mining China '88 China 's mining plans linked Not, Mining China '88 Copper 87 conference in	A A A A A A A A A A A A A A A A A A A	M176 M277 M460 M466 M58 J003 J012 J051 J051 J051 J071 J071 M009 J115 J115	British coal strike U.S. coal accord Strike threat in Norway Lister resolved Tribe and tribulation at Ok Linco manual control San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan parcement Norway Lister threat Lister Vollem Lister of Work Lin mines Spanish sackings Kambalda strikers return Pilbara sackings Kambalda strikers return Pilbara port strike Kaiser strike ended Train strike in Chile Kaiser strike ended Diratrike in Chile Cosatty continues Sahupptional innes Sahupptiona	IA I	J095 J195 J115 J115 J115 J117 J177 J177 J177 J17	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control mige representation of the control mige representation of the control mige representation of the control mining warm  Linear screen for Vaal Reefs fell separator installation maintaining warm  temperatures of process fell separator installation maintaining warm  temperatures of process protable carbonodeorption plabate for gold solutions New gold leaching processes A submerged smelting process concentrates Century Oils' modern new processing plant, U.K. New mining scale control productions  temperatures of processing plant, U.K. New mining scale control respects Australian study aims to	M M E S M M M M M M M M M M M M M M M M	J033 J077 M0063 J090 J110 M120 M140 M141
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway webicles Monitoring system for off- highway webicles Monitoring Computer file  DRILUNG  Multimaster success in Canada Tractor-operated drill for exploration Longyear 'Q' series update World's manilest hydraulic Pneumatic longhole drill carriers improve output Hausherr takes over Demag drilling equipmen Hew generation raise climber Hew generation raise climber Hew from U.K. Illing module drill rig Buggy-mounted drill can reach remote areas Hew alinerying Borehole verticality surveys Electric-hydraulic track drifting at the Dome mine Exploration chip sampling Exploration	M M A A A A A A A A A A A A A A A A A A	J496 H494 H500 J031 J052 J072 H065 J116 M142 J178 J178 J178 J178 J178 J206 J244	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Electric mining Electric mining The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDe Industrial minerals meeting Whatley quarry, England EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic meetals HINDO doperators Pneumoconiones conference Uranium symposium Coal Expo/China 88 Geoaciences in development Modern coal mines in the Mining Indonesia 88 China's mining plans linked to Mining China's 8 Cother with the conference in development Mining Indonesia 88 China's mining plans linked to Mining China's 8 Hot, Deep Mines Earth images COPPEL 18 CONFERNATION Law	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J071 J071 J071 M009 J115	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway ion Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Tribe and tribe and tribe San Luis Potoni strike Alcan part Worker compromise for Anglo Inco re-staffs Sudbury Kambalda nickel problems Worthwhile The "mines Spanish sackings Kambalda strikers return Pilbara shackings Kambalda strikers return Pilbara port strike Kaiser settles with union Australian coal miners strike Disruptions in Peru Sabotage continues COSATU protest COMATU protest Bount Leyel Interruption South African pay talks begin	IA I	J095 J1095 J115 J115 J115 J117 J177 J177 J177 J205 J222 J243 J243 J243 J243 J243 J243 J243	MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control minerative and scale control minerative and scale control minerative and scale control minerative and scale and scale kelatate claris  Relatate claris  Linear screen for vaal Reefs  Relatate claris  Maintaining warm  tomperatures of process  waters outdoors  portable for good  portable for good  control product  Stainless feeders for liquic reagent  Austrace  Austrace  Linear for good  control product  Stainless feeders for liquic reagent  Austrace  Linear for good  and for good  control product  Stainless feeders for liquic reagent  Austrace  Linear for good  and for good  control product  Stainless feeders for liquic  reagent  austrace  Linear for good  and for good  control product  Stainless feeders for liquic  reagent  austrace  control product  stainless feeders for liquic  control product  stainless	M M E S M M M M M M M M M M M M M M M M	J452 M062 J033 J077 M003 J096 J116 M120 M140 M145
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway webicles Monitoring system for off- highway webicles Monitoring Monitoring Computer file  DRILUNG  Hultimaster success in Caneda Tractor-operated drill for exploration Longyear 'Q' series update World's manilest hydraulic drill rig Permeatic longhaprove output Haunherr takes over Demag drilling equipment New generation raise climber New generation raise climber Hew flexible drilling module Versatile multi-purpone drill rig Buggy-mounted drill can reach remote areas New air crawler drill for open for the complete of t	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 J031 J052 J072 M065 J116 J116 M142 J178 J178 J178 J178 M228 M229	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Electric mining Electric mining Electric mining Electric mining The 295-Bil, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDe Infortane talc mine, Italy Whatley quarry, England EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electrons Byotlight on electrons Underground operators Dudderground operators Unnium sumposium Coal Expo/China 88 Geoaciences in development Modern coal mines in the Unnium sumposium Coal Expo/China 88 China's mining plans linked to Minium China's Earth images COPPER '87 conference in Coal Mining Link Histing Law Mining in Amia and the Pacific	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J071 J071 J071 M009 J115 M088 M091 M128	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway LAC talks underway ion Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Trodi Inco share-out Alcan segreement Alcan pactoes strike Alcan pactoes strike Alcan pactoes strike Alcan pactoes strike Alcan pactoes For the work of the tribe Worker compromise for Anglo Inco re-staffs Sudbury Kambalda nickel problems Worthwhile The "humanization" of work Spanish mackings Kambalda strikers return Pilbara port strike Kaiser/Union extend talks schedule Pilbara strike ended Train strike in Chile Kaiser set les with union Austratie in Chile Kaiser set les with union Austratie in Strike Diaruptions in Peru Sabotage continues COSATU protest S.A. mine accident Mount Lyell interruption South African pay talks Degrae precedent Comicco agrees labour pact	IA I	J095 J115 J115 J115 J115 J134 J153 J177 J177 J205 J222 J243 J243 J243 J243 J243 J243 J243	mine winder  MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme ign rate clarifier Relative values Relative values Relative values Facil separator installation Maintaining warm temperatures of process waters outdoors Portable carbon adsorption portable carbon adsorption portable carbon adsorption portable carbon adsorption polytions New gold leaching processe A submerged smelting process for complex zine Concentrates Concentrates Contury Oile' modern new Concentrates Contury Oile' modern new Contury Oile' modern Contury Oile Contury	M M E S M M M M M M M M M M M M M M M M	J452 M062 J033 J077 M000 M062 J1166 M140 M1445 J244 J244
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway wehicles Modern Interveying and Computer file  DRILUNG  Nultimaster success in Canada Tractor-operated drill for Canada Tractor-operated drill for World's manilest hydraulic drill rig Pneumatic longhole drill carriers improve output Hausher takes over Demag Mew generation raise climber from U.K. Vermatile multi-purpose drill rig Buggy-mounted drill can Hew flexible drilling module from U.K. Vermatile multi-purpose drill rig Buggy-mounted drill can Hew air crawler drill for quarrying Borehole verticality surveys Electric-hydraulic track drifting at the Dome Tractor operated exploration Tractor operated exploration Tractor operated exploration	M M A A A A A A A A A A A A A A A A A A	17496 MA194 M500  10031	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Electric-hydraulic track with the long at the Dome mine. The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDs is Fontane talc mine, Whatley quarry, England  EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic metals MINEXPO 'SOPPORTORS Pheumoconioses conference Industrial minerals meeting Geoaciences in development Modern coal mines in the E.E.C. Mining Indonesia should be a service of the coal mines in the Exhibition of the coal mines in the E.E.C. Mining Indonesia Should be a service of the coal mines in the Exhibition of the coal mining plans linked History of Mining Law Mining in Asia and the Geology of Ghana Gold shows	A A A A A A A A A A A A A A A A A A A	J223 M176 M227 M460 M466 SS J003 J012 J051 J051 J051 J051 J071 J071 J071 J071 J071 J071 M009 J115 M128 M088 M091 M128 J205	British coal strike U.S. coal accord Strike threat in Norway Lister threat in Norway Lister threat in Norway australism disruption Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Telescont Alcan segrement Alcan percent of Alcan Alcan agreement San Luis Potosi strike Alcan pagromine for Anglo Inco re-stuffs Sudbury Kambalda nickel problems Worthwhile The "humanization" of work in mines Spanianization" of work in mines Spanianization of work in mines Kambalda atckel problems Worthwhile The "humanization" of work in mines Spanianization of work in mines Kambalda strikers return Pilbara port strike Kaiser/Union extend talks schedule Thara strike naded Tribar strike naded Tribar strike naded Tribar strike naded Tribar strike Disruptions in Peru Sabotage continues COSATU protent Mount Lyell interruption South African pay talks begin Inco sets a precedent Cominco agrees labour pact South African black "stay-	IA I	J095 J115 J115 J115 J115 J117 J117 J177 J17	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme ligh rate clarifier Relative values Linear acreen for Yaal Reefs Linear acreen for Yaal Reefs Maintaining warm temperatures of process waters outdoors Portable carbon adsorption plants for gold plants for gold leaching processes A submerged smelting process for complex zinc concentrates Century olls' modern new processing plant, U.K. New moderale control processing seeds of the control stainless feeders for liquid reagents Australian study aims to give efficient thickening The advanced materials High rate clarifier unit Lisa process for West Germany	M M M M M M M M M M M M M M M M M M M	J0333 J0723 J0723 J0723 J0723 J116 M120 M140 M145 M146 J244 J246 J244
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles Modern mine surveying and Computer file  DRILLING Multimaster success in Canada Tractor-operated drill for exploration Longhole manifest by dealer Morid's masilest hydraulic drill rig peumatic longhole drill carriers improve output Hausherr takes over Demag drilling equipment New Health drilling module from U.K. Veraatile multi-purpose drill rig guggy-mounted drill can reach remote areas Rew air crawler drill for Borehole verticality surveys Borehole ver	M M A A A A A A A A A A A A A A A A A A	J496 M494 M500 J031 J052 J072 M065 J116 J116 M142 J178 J178 J178 J178 M228 M229	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining liceton mining liceton mining liceton mining The 295-BII, latest electric shovel from Bucyrus- Brie The unit rubber tyred Lilbe in Fontane talc mine, Italy Whatley quarry, England  EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic metals MINING spotlight on electronic metals MINING spotlight on electronic coal Expo/China 88 Genciesces in development Modern with mining lines in the E. E. C. Mining Indonesia 88 China's mining plans linked to the mining china '88 Hot, Deep Mines Entire '97 conference in COPPER '97 conference in Chile History of Mining Law Mining in Asia and the Experience in dustry Mining industry Mining industry Mining industry Mining industry	A A A A A A A A A A A A A A A A A A A	M176 M227 M460 M466 M466 M528  J003 J012 J051 J051 J051 J051 J071 J071 J071 J071 M019 M019 M018 M091 M088 M091 M128 J205 J205 J205 J205	British coal strike U.S. coal accord Strike threat in Noway L.S. coal accord Strike threat in Noway U.S. coal accord Strike threat in Noway australism disruption Norwegian strike averted LAC strike resolved Tribe and tribulation at Ok Telescout Alcan agreement Alcan agreement San Luis Potosi strike Alcan agreement San Luis Potosi strike Alcan pagreement San Luis Potosi strike Alcan pagreement Falcan in Sudbury Kambalda nickel problems Worthwhile The "humanization" of work in mines Spanish ackings Spanish ackings Falcan ackings Spanish ackings Falcan ackin	IA I	J095 J095 J115 J115 J115 J115 J115 J115 J117 J177 J17	mine Lighting  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme ligh rate clarifier Relative values Linear acreen for Vaal Reefs Linear acreen for Vaal Reefs Maintaining warm temperatures of process waters outdoors Portable carbon adsorption plants for gold sold carbon adsorption plants for gold sew butting processes A submerged smelting processes A submerged smelting processes Concentrates Century o'lls' modern new processing plant, U.K. we mining scale control Stainless feeders for liquid reagents Australian study aims to give efficient thickening The advanced materials phenomenon High process for Next Germany Rev family of solids/liquid separators	M M M M M M M M M M M M M M M M M M M	J452 J033 J072 J096 J116 J135 J156 M120 M140 M145 J244 J244 J244 J244 J244 J244
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- highway vehicles Modemapping with the computer Computer file  DRILLING  Multimaster success in Canada Tractor-operated drill for Tractor-operated drill for Tractor-operated drill for World's mamilest hydraulic drill rig drill rig drill rig drill rig neumatic longhole drill carriers improve output the carriers improve output filing equipment New generation raise climber New flexible drilling module from U.K. Veraatile multi-purpose drill rig graph drill can be drill rig graph the computer of the computer see flexible drilling and graph from the computer from U.K. Veraatile multi-purpose drill rig graph from the computer from U.K. Veraatile multi-purpose drill rig graph from the computer from U.K. Veraatile multi-purpose drill rig suppose caploration drill Longyear 'Q' series update New dth blasthole drill for opensaat work Mydraulic track drill at Multipurpose exploration	M M A A A A A A A A A A A A A A A A A A	17496 MA194 M500  10031 10031 10031 10032 10072 M005 M1146 M1142 M1176	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Election mining Election mining Election mining The 295-BII, latest electric shovel from Bucyrus- the mining The latest electric shovel from Bucyrus- the latest electric latest	A A A A A A A A A A A A A A A A A A A	M176 M227 M460 M466 M565  J003 J012 J001 J001 J001 J001 J071 J071 J071 J071	British coal strike U.S. coal accord Strike threat in Noway L.S. coal accord Strike threat in Noway U.S. coal accord Strike threat in Noway Incompany Incomp	IA I	J095 J095 J115 J115 J115 J115 J115 J117 J117 J11	MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control programme ligh rate clarifier Relative values Linear screen for Vaal Reefs Roll separator installation Maintenance of process waters outdoors portable carbon adsorption plants for gold sew gold leaching processes A subject of the process of the processing processing plant, U.K. New mining scale control product concentrates Century o'lls' modern new processing plant, U.K. New mining scale control product thickening Australian study aims to give efficient thickening The advanced materials phenomenon ligh rate clarifier unit las process for West Germany New Emparators Furnace improves gold Furnace improves gold Furnace improves gold Furnace improves gold	M M M M M M M M M M M M M M M M M M M	J033 J072 J082 J096 J116 J135 J156 M140 M140 J244 J244 J246 J244 J284 J284
Computer file Magnetic permeability meter developed in Australia Monitoring system for off- developed in Australia Monitoring system for off- developed in Australia Monitoring system for off- monitoring system for off- monitoring system for off- monitoring system in Canada uccess Monitoring series Wermatile multi-purpose drill rig Buggy-mounted drill can reach remote areas Monitoring series Monitoring series Monitoring series Monitoring series Exploration chip sampling system Tractor operated exploration drill Longwear 'Q' series update New dth blasthole drill for opensaat work My desirate and the uccess of	M M A A A A A A A A A A A A A A A A A A	1406 14494 1500 10031 10052 10072 10065 1111 14142 11181 11244 1145 11244 11476 1144228	Brazilian-made large hydraulic excavator Small new LAD for narrow vein mining Electronic mining Electronic mining Electronic mining The 295-BII, latest electric shovel from Bucyrus- Erie The use of rubber tyred LHDe Industrial minerals meeting Whatley quarry, England EXHIBITIONS & MEET Industrial minerals meeting Spotlight on electronic meetals History old operators Pneumoconioses conference Uranium symposium Coal Expo/China 88 Geoaciences in development Modern coal mines in the Whining Indomenia 88 China's mining plans linked to Mining China '88 Hot, Deep Mines Earth images COPPER '87 conference in History of Whining Law Mining in Asia and the Pacific Geology of Ghana Gold shows History of Wining Law Mining in Asia and the Pacific Geology of Ghana Gold shows History of Wining Law Mining in Asia and the Pacific Geology of Ghana Gold shows History of Wining Law Mining in Asia and the Pacific Geology of Shana Gold shows History of Wining Law Mining in Asia and the Pacific Geology of Shana Gold shows History of Wining Law Mining in Asia and the Pacific Geology of Shana Gold shows History of Wining Law Mining in Asia and the Pacific Geology '88	M A A A A A A A A A A A A A A A A A A A	M176 M227 M460 M466 M566  J003 J012 J001 J001 J001 J071 J071 J071 J071 J071	British coal strike U.S. coal accord Strike threat in Norway LAC talks underway LAC talks underway In the lack of	IA I	J095 J095 J115 J115 J115 J115 J115 J115 J117 J117	MINE LIGHTING  Portable air-operated light generators  MINERAL PROCESSING  New mining scale control minerative and an expension of the control minerative and an expension of the control minerative and an expension of the control maintaining warm temperatures of process waters outdoors portained for gold complex line complex line processing plant, U.K. New mining scale control product Stainless feeders for liquid stainless feeders for liquid australian study aims to give efficient thickening The advanced materials phenomenon High rate clarifier unit las process for Nest Germany New meparators furnace improves gold unerportained for formany new meparators furnace improves gold unerportained for formany memory furnace improves gold unerportained for formany memory furnace improves gold	M M M M M M M M M M M M M M M M M M M	J452 J033 J072 J072 M003 J096 J116 J135 J156 M120 M140 J144 J244

Reagent usage in mineral processing	A	M472	Due diligence in mining investments	A	M291		IA	J071	Seaborne trade in minor ores		J291
XVI IMPC exhibition,		M483	Major new projects and expansion programmes -			Self rescuers - a new safety initiative	A	M034	and minerals Jewellery show	MM	J310 J323
Choosing a cationic collector	-	M513	gold Major new projects and	A	M315		IA	J134 J150	Mauritania: 1987 iron output Philippines exports down	IA	J329 J331
Multi G separator for fines	-		expansion programmes -	A	M328	Inco fined	MW	J150	Levelling the pitch Diamond price rise		J335 J345
and ultra fines Magnetic rolls for silica		M515	non-gold Brazilian home rule	MM	J365		M	J156	Industrial minerals' many facets		J354
Keeping clarifier water warm		M516	U.S. mining costs Greece: investment projects	IA	J367 J371	The "humanization" of work in mines	A	M190	What price nickel?		J355
in winter	M	M517	Conduct unbecoming U.S. sanctions?	N MW	J377 J385	Kinross acquittal Doornfontein rockburst	MW	J258 J261	U.S. coal production forecasts	P	M249
MINING EQUIPMENT			State mining company for Rwanda	IA	J390	Rockburst at Stilfontein Kinross inquiry	IA	J282 J307	Due diligence in mining investments	A	M291
Equity Silver: the			Philippines: privatization continues	IA	J390	Methane extraction packages	M	J352	Major new projects and expansion programmes -		
challenges and the		Ma. 4	Moroccan closures	MW	J407	Hidden risks in mining	MW	J366	gold	A	M315
solutions Blasting agents	Â	M017 M108	Turkish minerals industry Ankara's ambitions	N	J414 J415	S.A. mine accident German pit explosion	IA	J411 J445	Major new projects and expansion programmes -		
Radio systems for underground mines	A	M123	Gold's eastern promise Small precious metal mining	MW	J425	S.A. gold mine deaths 'Miracle' at Borken	IA	J471 J471	non-gold Nugget ahead R.S.A.: 1987 sales	MW	M328 J365
Mining exhibition, Chicago,	A	M297	projects IFC involvement in Zimbabwe	A	M406 J451	Amandbult accident Chinese pit explosion	IA	J512 J512	R.S.A.: 1987 sales A copper review	IA N	J390 J393
Tunnelling '88	A	M313 M466	U.S.: surface mining fines Essential commodities -	IA	J451	Health and safety	IA	J513	Cadmium on charge Japanese ferroalloy imports	N	J395
Whatley quarry, England XVI IMPC exhibition, Stockholm	A	M483	supply threats assessed	N	J453 J455				jump LME monitors the copper	S	J397
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OFFSHORE & DEEP S			South African scene Australian mining -	MA	J489	One-man operated roof bolter for coal mines	м	J096	Gold loans give cause for concern	MW	J406
	ΛIN	ING	disfigured by statute World Gold Council and	MW	J490	Shotcreting at Jinchuan	м	J156	Philippines' mineral output Gold's eastern promise	IA MW	J411 J425
France granted undersea rights in Pacific	IA	J025	Commission European Mining Finance	MA	J490 J491	nickel mine, P.R.C. Ibo-anchor - a novel ground			WBMS statistics Gold in the S.W. Pacific	8	J439 M398
Ocean exploration	MM	J151	Whose burden? 8.A.'s foreign holdings	N	J499 J506	control system Tests on stress control coal	M	J223	Andalusite Essential commodities -	A	M417
OPENCAST MINING			World Bank loan for Ghana	IA	J512 J516	mining in U.S.A. One-man roof-bolter for coal	P	M169	supply threats assessed Minor metals in May	1 16	J453 J457
			World Gold Conference Short-term stumble	N	J517	mining	M	M233	Peruvian exports	MW	J465
Equity Silver: the challenges and the			Openpit mining productivity - an update	Α	M506				U.K. mining assessed Consternation at cash	N	J479
solutions Mining activity in the	A	M016				SURVEYING			premiums Fall in official gold stocks	s IA	J489 J495
Western world New Vaal colliery	A	M045 M180	PROSPECTING			Borehole verticality surveys Geophysical survey using a	M	J244	Kazakhstan shortcomings Openpit mining productivity	14	J495
Major new projects and		-100	Czech work on prospecting by	·	****	microlight aircraft	A	M194	- an update	A	M506
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Major new projects and expansion programmes ~			PUBLICATIONS			Modern mine surveying and mapping	A	M494			
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opencast mining	M	J433	Ground Engineer's reference book	R	M067	<b>TAXATION &amp; TARIFFS</b>			Manoeuvrability New roads for Zimbabwe	IA	J052 J069
Whatley quarry, England Openpit mining productivity	A	M466	Reclamation, treatment and utilization of coal			Australian gold 'tax'	MW	J023	New roads for Zimbabwe Utility truck for charging Malawi freight	MW	M061 J131
- an update	A	M506	mining wastes	R	M067	Australian tax relief?	MA	J045 J089	Vehicle with many mining uses	M	M147
POLITICO-ECONOMIC			Osterreichisches Montan- Handbuch	R	M067	Canadian tax response Flow-through revolt	MY	J165	New underground transport		
		1009	Industrial mineral opportunities	IA		Maruyu boost S.A. budget	N	J302 J311	in F.R.G. Manipulators for off-highway	y	M148
Strife in Nicaragua China in the long term	IA N	J013	WHO: energy resources Bolivia: open file	IA		Canada's tax relief Oz gold tax	MM	J405 J427	vehicle tyres Option aids artic truck	M	J223
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'Giscard' party over Peru reserves	MW	J046 J047	and technology	R	M149	TRADE & STATISTICS			and minerals	N	J310 J514
Sanctions impede reform?	MW	J047 J047	Handbook on the estimation of metallurgical	_		TRADE & STATISTICS			New 32 t rigid hauler Whatley quarry, England	A	M466
An investor's perspective Caraiba Metais privatisation	n IA	J050	process costs Magnetic methods for the	R	M149	Zimbabwe output rising CVRD's export expectations	IA			_	
Minera de Cananea sale Funds recovery for Enami?	IA	J050 J050	hew tunnelling publication	R	M149 J239	Philippines: first half Heavyweight challenge	I A	J029 J055	TUNNELLING & SHAF		
Degussa takes control of Nukem	IA	J050	Mining Project Monitor FGD Handbook - flue gas	R	M225	Peak for cadmium  B.C. minerals estimate	MW	J065	S		(ING
An Australian celebration Mauritanian loan	MW	J066 J067	desulphurisation	R	M225	Canada's mineral performance		J074	New roadheader for mining Flameproof laser for mining	M	M140
The noes have it Structural change in world	N	J075	systems Nevada gold map	I	J307	Structural change in world metal industries	٨	M029	and tunnelling applications	M	J206
metal industries	A	M029	Romanian mining papers World mining map	I	A J307 A J307	Mining activity in the Western world	A	M045	Tunnelling The Channel Tunnel	E	M247 M276
Mining activity in the Western world	A	M045	Australian register	14	A J431	A good year for diamonds Trading facets	N	J098	Tunnelling '88	A	M313
New mining legislation for Colombia	IA	J094	PUMPS & PIPES			Merger decision postponed Canada to benefit from U.S.	8	J101	New all-electric shearer	M	J412
Bophuthatswana coup rescue Argentina's underdeveloped	MM	J111				trade pact	343	# J111	UNDERGROUND MIR	NIN	G
sector	N N	J119 J121	Special~design pump for Canadian Au mine	M	M063	Steel improvement for Latin America	I	J115	Mining activity in the		
A private auction Brazil's foreign field	MW	J130	Tough pumps for mining and mineral processing	M	J135	Spotlight on Newfoundland and Labrador	1	A J115	Western world Black Mountain	A	MO45 MO98
Malawi freight Setback for Turkish power	MW	J131	Coal/oil slurry pump combat degradation	S M	M142	Colombian output soars Silver facts	I		Flameproof laser for mining		-000
station Copper: counting the cost	I A	J134 J138				Argentina's underdeveloped sector	N	J119	and tunnelling applications	M	J206
Pie in the sky? Ontario's Exchange	N	J139	RECLAMATION			A private auction	N	J121 J122	Electric-hydraulic track drifting at the Dome		
concession	MW	J149 J149	Seedblaster has application	n		Firmer tone on the LME China metal shortage	S	J123 J123	mine The use of block and	Α	M176
Golden year Flow-through revolt	ME	J165	in mined land reclamation	M	J072	CRA streamlines marketing Good year for Canadian	S		wireframe modelling for underground mining	A	M209
Worthwhile Venezuela debt swap	E	M163	Seedblaster for reclamation work	n M	M230	nickel producers Brazil's foreign field	M		Tunnelling	K	M247 M265
Zambia's budget puzzle Money for mining	MV		Rapid restoration after lignite mining in			Copper: counting the cost Golden year	N		Trackless mining at JCI The Channel Tunnel	A	M276
Chinese advance	M	J198	Hungary	p	M449	Copper supply New high for Australian mis	14	W J151	Major new projects and expansion programmes	_	
Golden parameters Gold as currency decays	N	J208 J209	DECEARCH			exports	1	A J155	gold Major new projects and	A	M315
Pacific island aspirations Go with the flow	N	J225 J227	RESEARCH			Iranian output Political gold		A J155 A J155	expansion programmes non-gold	- 4	M328
Planning for gold acquisitions	M	J239	Self rescuers - a new safe initiative	A	M034	British Coal dilemma LME nickel spirals		W J169	Gebeit gold mine	A	M376
Zimbabwe's outlook	N M	J289	USBM research	N	₩ J427	Uranium demand to increase Traders baulk at U.K.				_	
G7 gold Maruyu boost	M	W J302	RUBBER & PLASTICS	5		regulation	2	J184 W J197	VENTILATION & DUS		TRO
Landsat confirmed Kinross inquiry	I				N142	Australian records Dominican talks string out		A J205		-	TROL
Indonesia tightens prospecting areas	I	A J307	Two-component wear linings Liner design for heap-lead	h		Golden parameters Gold as currency decays	b		Microfoam dust suppression demonstration unit	M	J010
S.A. budget Greek investment projects	N M	J311	pads HDPE geomembranes for heap	- 1	M382	Nickel trade under control Aussie gold up	3	W J217	Intrinsically safe air flo sensor for undergroun	w d	
NERC extractive industry		A J331	leach pads and tailin	gs	M388	Pacific island aspirations Moly on the march	1	J225	mines	M	J157
partnerships scheme Soviet secrets	N	J334	P-100	,	2000	MAO on base metals	5	J250	Microfoam dust suppression unit	M	M146
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Gold project financing Industrial minerals' many	M		South African safety		W J002	No substitute for success Japan consumes more metal	2		Starch product combats soi	1 M	M227
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			AUGUST COST MING 1976	,					manual cour mades		
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# **Companies and Other Public Bodies**

Andrew Corp.    1989					1A J243 1A J371	A M186 M J374	N	J282 J435	Delta Gold Denison Mines Denver Equipment	IA IA	J469 J304	Gibraltar Nines	MF	J18
According   1			H J	309	British Steel	N J437		M427 J279	Deutz-Magirus	A	J309 M377	Glamis Gold IA J241	MF	J14
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			IA J	348	Broken fill Prop	MF J270			DJC Electrical Engineering	M		Golden Dumps	MF	J27
	Norcem A/S	d Wines			Brown Engineering	E A/S	M	J097	Dobson Park	MF	J255	Golden Star Resources	IA	J46
## 1980   14 1972   14 1989   14 1989   14 1989   15 198	a		IA J	049	Brøyt A/S								MF	M09
## 233 M 3360 W 3460							M	M227	Dosco Overseas Engineering	M	J284	Gold Institute	N	J20
Allon Tail		WF J380	MF J	463	Buffelsfontein				Dowty Automation Systems		J275 J245	MF J164	MF	J14
			MF J:	502					Dowty Meco	М	J353	Gold Texas Resources	MF	J48
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	MF J124 W		MF J	526	Holdings				Driefontein			Granges Exploration	MF	J12
All	ed Colloids				oute wining			0.501		MF	J316	Greenbushes	MF	J19
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## 1352 WF 1306 WF 1307 Child Series  ## 1352 WF 1306 WF 1306 WF 1307 Child Series  ## 1352 WF 1307 WF 1307 Child Series  ## 1352 WF 1307 WF 130			IA J	307					Manufacturing			Greenwich Resources	MF	J06
## 1300 NF 1640  ## 1500 Canada Tangsten Haing						Wines			Du Pont			IA J173	A MF	M37
Man.   Manources Australia   19   344   Caspell Resources   19   354   Caspell Resources   19   355   E   Caspell Resou	N J287 M	WF J359	MF J	423			MF	J126	Durban Roodepoort Deep	MY	J040	Contra measurees	at.	327
According   Acco	Resources Aus	stralia	MF J	344	Callahan Mining					MF	J342	н		
Martical Pricit Resources   1   200	al Collieries		A M	180	Canada Tungsten	Mining	IA	J373						
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Additional control and part   1985			MF J	214	Canterra Equipme	nt	M	J181					M	J01
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Angle Americas Coal Corp.  Angle Coal Coal Corp.  Angle Coal Coal Coal Coal Coal Coal Coal Coal	o American								Co.				MF	J34
Ample American Cool Corp.    March   American Cool   Corp.   March   M	IA J243 H				Cassiar Mining C		IA	J007	East Rand Proprietary Mines	MF	J040	Hartebeestfontein	MF	J08
Ample American Gold Investment   W   J372	lo American Coa	al Corp.			Caternillar		M		MF J061			Hawk Investments	MF	J36
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ARC America Article Resources	ovaal						MF	J126	Eimco		M460	Hemlo Gold Mines	MF	J10
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Amarera 1sc.  W J257 W J270 W J463 Asarco  M J135 1A J177 I J252 Chevron Minerals   14 J264 Asarco  M J135 1A J177 I J252 City Resources (Canda)   P M140 Atlas Concolidated   W J250 Atlas Copo-Alcabor   W J250 Alcabor   W J250 Alcabo	Ltd.				Cerro Matoso	of Bourt	IA	J431		N.D.	1207	Hewitt-Robins International	M	J2:
Mary   1327   Mr   1327   Mr   1427   Mr   1428   Chase Winerals   IA   1009   Mr   1328   Mr   1429   Chevro Minerals   IA   1009   Mr   1328   Mr   1429   Chevro Minerals   IA   1009   Mr   1328   Chevro Minerals   IA   1008   Mr   1329   Mr   1329   Chevro Minerals   IA   1008   Mr   1329   Chevro Minerals   IA	mera Inc.	MB 1000	MF J	1233	Africa	or south		J522		MF	J060	Corp.	MF	J10
## 1325   M   177   M   3820   City Resources (Canda)   P   M   303   M   3244   M   303   M   3244   M   303   M   3244   M   303   M   3244	mw J257 W	MF J270			Chase Minerals		IA	J093		MF	J253	fiolman Tamrock	M	J0:
Atlan Copco-Bickhoff Atlan Cop			MF J	1079					Empresa Nacional de Mineria	-		Holywell Mining Group	M	M2:
Ashton Mining Markon Mining Markon Mining Mi					City Resources		IA	J493	(Enami)	MW			M	M2
Atlas Copco-Bickhoff  A 19 14 14 14 14 14 14 14 14 14 14 14 14 14	ton Mining		MF J	1380	City Resources (	Canada)				IA		Homestake Mining	MP	
A	as Consolidated	d			Claude Resources		MF	J126	Engelhard Corp.	IA	J005		MP	
Atlas Copco-Sickhoff  Roadbreding Technic  Roadbred	A M103 A	A M176	A N	4181	Cleveland-Cliffs				English China Clays			Hudson Bay Mining and	IA	J1
At the Power of Pethnic A   100   Climax Metals   Mark   1380   Equinox Resources   Mark   1380   Mark   1380   Equinox Resources   Mark   1380   Mark   138		M J433	M J	J514	Cliff Resources	Corp.	MF	J085	Ennex International	MF	J086	IA J221	IA	J3
Allas Powder Audrey Resources Austin Powder Company Austin Powder	Roadbeading T	Technic				1A J175							M	J4:
Cluff Oil	as Powder		A N	1109	Clogau Gold Mine	18	MP	J360	A M392		J511	1		
Minerals   Marcollage   Marco	tin Powder Comp		M J	1375					L'Equipement Minier	M		•		
Australiam Miscral Australiam Mi	Minerale	idated	MP .	1195			MW	J425	Equity Silver Mines Ltd.	A	M016		A	M1:
Industries Research		1	ms	- 250	Coeur d'Alene Mi	nes		J234		IA	J324		IA	J4
Auster Mining Barford   Market Mining   Market	Industries Re			1244			IA	J069	ERT Explosives	M	J011		MF	J3:
Aveling Barford   W   J336   MF   J035   MF   J103   IA   J175   MF   J035   MF   J103   IA   J035   MF   J035   IA   J035		18	IA .	J373	Comibol			J222	Esso Minerals Canada			Imetal	MF	JO
Arec Wining	IIIE.		M	4227			IA	J049	Kuratom		J150	Impala Platinum	ME	J1
Barlow Rand Barlow					MF J085				European Community	N		Imperial Metals Corp.	MW	J3
Barlow Rand			-		MF J319		MP	J361	N M015	IA	J134	Inco	MF	J1
Barlow   Rand   MF   J442   Comport Notice   MF   J454   La   J454   Falconbridge   MF   J454   La   J454   MF					Complete Walter	IA J451	IA	J511	European Mining Finance Ltd.		J491	MF J339 N J355	MP	J4
Mar					Companhia Vale	io Rio Doce		J167	Eurotunnei	A	#276	MW J446	I A	J4
Battle   Nountain   Gold   MF   J375						MF J254	IA		E			Inland Steel Co.	M	J2
BB Drilling   IA   Jase   IA			MP .	J275	Conroy Petroleum	and Natura	TA	J173	•			Ingersoll-Rand Co.	M	J2
RBD prilling	1	iold IA J348						J406			J003	Insight Productions Inspiration Resources	MF	J2
Bill Group	Drilling	- 2310	и .	J244	Consolidated Gol	MF J125		J007				International Corona		
Sell Resources	Ltd.		MF .	J524			MF	J398	Falconbridge Dominicana	IA	J390	MF J060	MY	
Self and			MF .	J526	Consolidated Mod	Merfontein		J062 J342	Falk Corp.			International Monetary Fund	MM	1 33
Belmoral Mines	1 Mesources	WF J255					36	J011	J.H. Fenner & Co.	M	J332	S J312 WW J345	S	J1
Benguet Corp.   Brown   Brow	moral Mines		MF .	J062					First Mississippi Corp. Fleck Resources				8	JS
BHP-Uth International	1	MF J195			CRA			J021			J404		M	M1
Biliton		tional	IA .	J448		IA J049	N		M J136 M J207	M				-
A	liton					MW J489	MM	J505	FMC Gold Corp.		J145	J		
Binder a Co.		IA J370	IA .	J468				J178						
Birtley Englarering	der & Co.		M	M143	Crown Butte Rese		MP			MF	J195	JKS-Boyles	M	30
Birtley Engineering   M   J245   CSR							MF	J342	Freegold		J081	H.J. Joel	M	P J:
March   Marc			M	J245					Freeport Indonesia		J104	Johannesburg Consolidated		
MF J342   Cyprus Minerals   MF J125   MF J420   IA J511   Johnson Matthey	vooruitzicht	ystems									J369	Investment Co.	A	E JO
Boart UK   M   M145   MF   J145   MF   J222   MF   J272   Fuller Co.   M   J052   J07-Denver			MF	J342					WF J420			Johnson Matthey	14	A J
Boart UK M M145 MF J443 F.W. Parrett Ltd. M J010	rt canada			J031	MF J145		MF	J272	Fuller Co.	M	J052		A	J
90/1dem MF J213			M	M145	1A J349	MF J423			F.W. Parrett Ltd.	M		recomologies canada	-	J
NW J239 1A J373		₩W J239						2443		-	****	K		
Bond Corporation MW J465 D	d Corporation	- JE39		J465	D				G			-		
MF J526 Kaiser Aluminum			MF	J526								Kaiser Aluminum	I	
Bond International Gold MF J422 Dallhold Resources P M450 Galactic Resources MF J041 Botswans RST MF J274 Davy McKee IA J093 MW J067 MF J272 MF J459 KaiserTech	swana RST	ai Gold				ces			Galactic Resources			KaiserTech	I.	
Bougainville Copper IA J069 IA J348 II J444 MP 1506 Kali und Salz	ugainville Copp	per	IA	J069			IA	J348	MW J067 MF J272 IA J494			Kali und Salz	M	-
MF J145 MW J322 De Beers MW J217 GEC A M379 Kamyr Inc.  Bracken MF J061 MW J231 NF J319 NF J320 CC A M379 Kamyr Inc.	cken				De Beers	NF 1310		J217	GEC	A	M379	Kamyr Inc.	M	
Bramail Laser Systems M J206 WW J345 Gencor MW J301 Kappes Cassidy & Associate	mall Laser Sys	stems	M	J206			MW	J345				Kappes, Cassidy & Appoint	M M	
Breakwater Resources MF J231 Decon Engineering M J223 MF J018 MF J147 ME J232	axwater Resour	rces IA JAGS			Decon Engineeri	ng	36	J223	MF J018 MF J147	ME	J232		K	M
Brierley Investments WF J255 Degussa MF J272 MF J293 ME J294 Kawasaki Heavy Industries	erley Investme	ents	MF	J255	Degussa						J294	Kawasaki Heavy Industries	M	J
Bridge Oil NF J295 Delaware Resources NF J085 General Tire NF J011 Kenmare Resources NF J085 Gety Resources NF J08	idge Oil		NF	J295	Delaware Resour	ces	MF	J085	General Tire	M	J011		M	

Kiena Gold Mines Kinross	MF MF MW	J461 J126 J258	Nash Engineering Neumann Equipment Pty. Nevada Goldfields	M M MF	J352 M427 J083	Quartz Nountain Gold	IA	J494	Thunder Bay Bearings Tideo Engineering Co. Total Erickson Resources	M M MF	J207 J432 J422
	MF	J040 J501	Newmes Exploration	MF	J300				Total Resources	MF	J019
Komatsu	A	M181	Newmont Gold Co.	MF	J104	R			Toyo Tire and Rubber	M	J011
	M	J284	P M166	MF	J440				Trans Manche Link Trelleborg	A	M276 M066
Krupp Kue-Ken Division of Process	M	J053	Newmont Mining Corp.	IA MF	J048 J106			J061 J342	Trolex	M	M066 J157
Technology Corp.	M	M431	MW J129 IA J222	MW	J277			J342		-	
			MF J319 MF J361 IA J449 MF J462	MF	J381 J527		MF	J459			
L			Nippon Kokan	MF	J501	Rayrock Yellowknife Resources	MP	J019			
			Nippon Steel	MF	J501			J515	**		
	MF	J019	Nisshin Steel	MF	J501 J132	Renison Goldfields	MF	J214	U		
	IA	J176 J369	Nitro Nobel AB	A	M108	MF J317	IA	J450	Umm al-Qaiwain Aluminium Co.	MW	J090
	MF	J461	Noramco Mining Corp.	MF	J275	Resource Exploration & Development	MF	J167		MW	J111
	M	M429	MF J420 IA J468	MF	J527	Rio Algom		J001	UNCTAD	S	J312
	ME	M066	Noranda IA J048 MF J126	MF	J004 J193	MF J191 MF J233	MF	J421	United Nations Corp. United Nations Department of	IA	J132
	ME	J084	IA J260 IA J305	MP	J362	Rio Tinto Finance & Exploration	TA	J004	Technical Co-operation		
Lencourt Ltd.	IA	J092		MP	3401		IA	J069	for Development	N	J034
Libanon	MF	J316	Nordberg	M	J136	Rio Tinto-Zinc	MF	J315	Universal Drill Rigs	M	M430
Lintott Control Equipment	M S	J156 J100	The Nordic Mining Group Normet	MF	J255 M061		IA	J348	University of Sydney, Dept. of Computer Science	м	J374
London Metal Exchange S J122 MW J169	S	J291	Norsk Hydro	IA	J005	The Robbins Co. Robert Frazer & Sons Ltd.	M	J309 J374	Urangesellschaft Canada	MF	J318
MW 3405	MW	J489	MF J165 IA J222	IA	J351	Robert Frazer & Sons Ltd.	M	J244	Uranium Corporation of India		J241
Longyear	M	J072		MP	J381	Robertson Group	MF	J404	Urtec Instruments	M	J178
	M	M232	North American Metals Corp. North Broken Hill Holdings	MF	J297 J489		MF	J443	U.S. Bureau of Mines U.S. Precious Metals Inc.	MW	J427 J298
Lonrho Loraine	MF	J105 J081	HOLER BLOKER HILL HOLGINGS	MW	J505		MF	J300 J062	USS	M	J116
NOT BE AND	MF	J360	Northern Engineering			Roddy Mesources Rotatrade	M	J062 J264	USS Minntac	M	M517
Lornex Mining Corp.	MF	J165	Industries	IA	J307		M	M429	Utah International	A	M393
	IA	J177	Northgate Exploration MF J339 MF J382	MP	J214 J501	Rotheroe & Mitchell	M	J207			
			MF J339 MF J382 North Kalgurli Mines	MF	J501 J146		MF	J234 J462			
M			MF J164 MF J461	P	M450		MF	J462 J060			
			North Lily Mining Co.	MF	J147	Royex MF J295 MF J442	MF	J484	V		
Magma Copper	MF	J106	North Queensland Resources	IA	J068	RTZ Corp.	MP	J041	.•		
MF J125	MP	J381	Nukem	MF	J272	N J138 MF J214	MW	J237	Vaal Reefs	MF	J081
Malaysian Mining Corp.	MW	J022				MF J398 ME J399 Rudolph Hausherr & Söhne	MF	J401	Venterspost	MF	J316
Malvern Instruments	M	J475	0			GmbH	M	J116	Warmana Walla	MF	J484 J423
MAN GIUI	M	J245					IA	J029	Vermont Talc Viceroy Resource Corp.	MF	J106
Mannesmann Demag	M	M148	O & K Plant and Systems Division	м	J332	MF J079 ME J082	MP	J147	Villeneuve Resources	IA	J304
Manns Mechanical Equipment Marcopper Mining	MW	J223 J366	Ohio Brass	M	J433		71.	J259	Volvo	M	J514
Marathon LeTourneau	M	J496	Ok Tedi Mining	IA	J177				Vultan Minerals	MP	J195
Marlow Drilling Services	M	M228	OMECS	M	J433	S				MF	J297
Matthew Hall Ortech	M	J097	Ore Sorters	M	J096						
MF J404	A	M466	Organisation for Economic	M	M516	Sandhurst Mining	IA	J152			
The McGregor Co.	M	M230	Development and			MF J167	IA	J408 J136			
MDH-Motherwell	M	J265	Co-operation	S	J101	Schade Fordertechnik	M	J136	W		
	M	M517	Orion Corp.	M	J156	SEI Industries	M	J308			
Mechim	M	J011 J255	Orminex OT Mining	IA	J509 J240	Sherritt Gordon Mines	MF	J275	Wagner	A	M101 M176
Meekatharra Minerals P M166	IA	J255 J408	Outokumpu	MF	J063	Siemens AG	MF	J452 J126	Warman	A	M379
Messina	MF	J359	IA J133 IA J205	MF	J255	Sigma Mines Simonacco	M	J496	Waverley Mining Finance	MF	J104
Metallgesellschaft	MW	J385	MW J257 MW J466	MF	J521	Skega	M	M516	Wemco GB	M	J072
Metals Exploration	MF	J403	Outokumpu Electronics Ovoca Gold Exploration	IA	J285 J509	Societé Générale	MF	J104		MF	M231 J062
Micronesian Mineral Resource	IA	J448	Ovoca Gold Exploration	134	0303	Societe Le Nickel	IA	J451 J040	Western Areas	MF	J342
Midland Energy Corp.	MF					Sons of Gwalia IA J068 MF J191	MF	J504	Western Deep Levels	MF	J081
MIM Holdings	MF	J125	P			Southern Peru Copper Corp.	MW	J047		MF	J360
IA J281 M J284	MW						IA	J373	Western Gold Exploration an	d MF	J016
MIM Technology Marketing	MF	J421 J097	Page Engineering	IA	J053 J094	Southern Ventures	MF	J487	Wining Western Wining	N	J016 J035
MIM Technology marketing	M	J207	Palabora Mining	MF	J164	Southern Witwatersrand Exploration	MF	J501	MF J126 MF J143	IA	
Mineral Deposits Ltd.	IA	J005	Pancontinental Mining	MF	J213	South Roodepoort	MF	J062	IA J261 MF J421	IA	
Minerals and Resources Corp.	MP			IA	J429		MF	J342		MF	
Mining & Allied Supplies	M	J207	Paragon Resources	MF	J144 J494	Special Metals (Fabrication)	MF	J195	Westmin Resources	MF	
Mining Services International	IA	1203	Paranapanema Mineracao F.W. Parrett Ltd.	IA	M146	Steel Authority of India Steelhead Resources	MF	J331 J147	Wilkinson Rubber Linatex	W	J245
Minnova	ME	J213	Pechiney	ME	J212	Stilfontein	MF	J360	Wirtgen GmbH	M	J391
	MF			IA	J371	Sumitomo Metal	MF	J501	World Gold Commission	MW	
Minoil Securities	MF		Pegasus Gold Corp.	IA		Sunshine Mining	IA	J495	World Gold Council	MA	J490
Minorco SA	ME		MF J126 MF J503 Peko Wallsend	ME		Surinam Aluminium Co.	IA	J261 J329			
MINORCO SA	ME		Penarrova	MX	J062		IA	1329			
Minsterport	M	J309		M	J321	_					
Misima Mines	P	M087	Perron Gold Mines	1/		Т					
Mitsubishi Corp.	M	J053 F J041	Phelps Dodge IA J115 N J138	MI	F J079 M098						
Moneta Porcupine Mines	I/		IA J115 N J138 MF J381 MW J406	I/		Tamrock	A	M101	Y		
Mount Isa Mines	1/	A J389	Pine Point Mines	MI		Tara Mines	A	M118	VIE Com	10	J245
Mozley	A	M379	Placer Dome	1/	A J005	Tarzan Gold Inc.	MF	J488	YIT-Corp. Young Group	M	
W0 V	M	M515	MF J126 IA J152	Mi		Taylor Woodrow	M	J332	oung broup	-0.0	0.100
MS International Muscocho Mines	MI		MF J317 IA J324	MI		Teck Corp.	MP	J126 J447			
MUNICOCIO MINES	- 1	0362	Placer Pacific	I/P	MO87	IA J428 MF J441	MW				
			Plenty Mixers	M	J207	Tenneco Speciality Minerals					
N			Preussag	M	W J321	Terrahunt Geoscience	M	J332	Z		
Natura Characteristics			Princeton	M	F J081 J157	Terramar Resource Corp.	P	M089 J007	Manage Property		W142
Nalco Chemical Co.	M	J033	Process Technology Corp.	M	J157 J207	Terra Mines	MW		Zimpro Passavant Zinc Development Associati	on 7	
	М	M145	Purac	M	3207	Terra Mining	MW	3306	ainc Development Associati	on I	n J513